

September 9, 2013

Michael Anderson, P.E.
Nevada Department of Conservation and Natural Resources
Division of Water Resources
901 South Stewart Street, Suite 2002
Carson City, Nevada 89701-5250

**Re: Updated Response to Inspection Report for Aquifer Retention Pond GW-11 Dam
Permit #J-665**

Dear Mr. Anderson:

The Nevada Environmental Response Trust (the "Trust") maintains Permit #J-665, which was issued on August 23, 2012. The Permit covers the earthen embankment associated with the 11-acre synthetically double-lined aquifer retention basin (the "GW-11 pond"). The GW-11 pond is used for the temporary storage of groundwater, which is extracted, treated, and discharged to the Las Vegas Wash under the authority of NPDES permit #NV0023060. ENVIRON International Corporation (ENVIRON) provides assistance to the Trust with site maintenance issues and permit compliance.

On February 25, 2013, you (Michael Anderson, P.E.) inspected the GW-11 pond to determine the dam condition with respect to safety. Your March 18, 2013 inspection report recommended Immediate, Short Term, and Long Term actions. ENVIRON submitted a letter response dated April 11, 2013, summarizing repair work that was in progress and work that had been completed. The Trust has now completed all of the recommended actions, as outlined below:

- i. Immediate: *Mark the two areas discovered on the north and east ends near the key trench for repair.*

As discussed in the letter dated April 11, 2013, these two areas were marked with blue paint on March 27, 2013 by Russell Speckin of Veolia Water North America (Veolia), the former treatment plant operator, and Nita Shinn of ENVIRON.

- ii. Short term: *Schedule repairs to (minor) liner damage discovered and survey the liner for further damage.*

In addition to the areas of liner damage observed during the February 25 inspection, approximately 20 additional areas of liner damage were observed during surveys performed by Veolia on March 27, 2013, and by contractors providing estimates for the repair work in late April 2013. Repair work on the 22 identified areas of liner damage was completed on July 10, 2013, by Gibson Construction of Nevada, Inc. The areas of liner damage were repaired using 60 mil HDPE patches that were affixed to the liner with heated HDPE.

- iii. Long term: *The minor erosion gullies, predominantly on the north and east sides, should be repaired.*

Erosion control work was completed on May 7, 2013, by Logistical Solutions, LLC. The eroded area on the east side of GW-11 was smoothed out and the rills filled in. The deep rill along the road on the north side of GW-11 was filled in, smoothed out, and riprap applied to the south side of the road along the wall of GW-11. The north side of the road was left open to vehicle traffic.

Should you have any questions concerning this correspondence, please contact Kimberly Kuwabara at (510) 420-2525 or kkuwabara@environcorp.com. Thank you.

Sincerely,



Kimberly Kuwabara, MS
Senior Manager
Nevada CEM 2353, exp. 3/20/2015



John M. Pekala, PG
Senior Manager
Nevada CEM 2347, exp. 9/20/2014

cc: James Dotchin, Bureau of Corrective Actions, NDEP
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